

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

|  |  |   |
|--|--|---|
| Applicant's or agent's file reference<br>445/05149 | <b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below</small> |   |
| International application No.<br>PCT/IL06/00346    | International filing date (day/month/year)<br>16 March 2006 (16.03.2006)                                 | (Earliest) Priority Date (day/month/year)<br>17 March 2005 (17.03.2005) |
| Applicant<br>CONTIPI LTD.                          |  |   |

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

#### 1. Basis of the Report

a. With regard to the language, the international search was carried out on the basis of:

☒

the international application in the language in which it was filed.

☐

a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box No. II)

3. ☐ Unity of invention is lacking (See Box No. III)

4. With regard to the title,

☒

the text is approved as submitted by the applicant.

☐

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

☐

the text is approved as submitted by the applicant.

☒

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1A

☒

as suggested by the applicant.

☐

as selected by this Authority, because the applicant failed to suggest a figure.

☐

as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL06/00346

## Box IV TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

### NEW ABSTRACT

An apparatus for treating urinary incontinence is disclosed. The apparatus includes a support section for providing urethral support, an anchoring section for resisting movement of the apparatus and an insert. The insert is positioned where the support section attaches to a node attached to the support section. Together, the insert urges the support section outward in a radial direction from a central axis of the apparatus.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL06/00346

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61F 2/00( 2006.01)

USPC: 600/29

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.                         |
|------------|--|---|
| X          | US 5,483,976 A (MCLAUGHLIN et al) 16 January 1996 (16.01.1996), column 4, lines 50-57, column 5, lines 5-15 and 42-47, column 7, lines 10-14, see Figures 1A-5B.                     | 1-4, 7-8, 11, 19, 21-23, 25, 27-28, 31-33, 51 |
| X          | US 6,558,370 B2 (MOSER) 06 May 2003 (06.05.2003), column 4, lines 50-64, column 5, lines 33-44, column 6, lines 10-45, column 7, lines 14-19, column 9, lines 3-6, see Figures 1-11. | 1-4, 6-10, 13-14, 17, 19-22, 49-50, 61-62     |
| X          | US 4,212,301 A (JOHNSON) 15 July 1980 (15.07.1980), column 2, lines 24-36, see Figures 1-2 and 19-21.  | 64  |
| X          | US 6,478,726 B1 (ZUNKER) 12 November 2002 (12.11.2002), column 6, lines 14-31, column 7, lines 16-33, column 8, lines 55-60, column 12, lines 62-66, see Figures 4-11 and 17.        | 66-67, 70-71                                  |
| X          | US 2002/0138035 A1 (HULL) 26 September 2002 (26.09.2002), paragraphs 0046-0047 and 0057-0058.  | 72, 74, 76-77                                 |

☒ Further documents are listed in the continuation of Box C.



See patent family annex.

| Special categories of cited documents:  |  |
|---|--|
| "A" document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "E" earlier application or patent published on or after the international filing date   | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P" document published prior to the international filing date but later than the priority date claimed  |  |

Date of the actual completion of the international search

12 October 2006 (12.10.2006)

Date of mailing of the international search report

11 DEC 2006

Name and mailing address of the ISA/US

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL06/00346

## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | US 2003/0149392 A (ARNOULD) 07 August 2002 (07.08.2003), paragraphs 0016 and 0038, see Figures 1-4.   | 72, 75                |
| X          | US 2004/0199100 A1 (LEMAY et al) 07 October 2004 (07.10.2004), paragraph 0024, see Figures 1, 2 and 5.  | 78-81                 |
| X          | US 4,726,805 A (SANDERS) 23 February 1988 (23.02.1988), column 5, lines 32-49, column 6, lines 63-68, column 7, line 1, column 9, lines 17-24, see Figures 1-4 and 9. | 83-88                 |
| A          | US 2004/0122285 A1 (ZUNKER) 24 June 2004 (24.06.2004), see entire document.   | 1-90                  |
| A          | US 5,785,640 A (KRESCH) 28 July 1998 (28.07.1998), see entire document.   | 34-40, 66-71          |
| A          | US 5,671,755 A (SIMON et al) 30 September 1997 (30.09.1997), see entire document.   | 1-90                  |

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IL06/00346

Continuation of B. FIELDS SEARCHED Item 1:

600/29-32; 128/98, 831, 833, 834, 839, 884, 885, 897-899, D25; 604/1-3, 11-19, 285, 286, 358, 363, 366, 367, 370, 374, 377-380, 385.01, 385.06, 385.17, 385.18, 385.201, 385.21, 515, 517, 904

Continuation of B. FIELDS SEARCHED Item 3:

EastDatabase (USPGPUB, USPAT, USOCR, EPO, JPO, FPRS, Derwent, IBM-TDB)

search terms: urethra, urethral, urinary incontinence, support, treatment, pressure, insert, expand, radial, ring, o-ring, collar, sheath, sleeve, cover, flexible, elastic, slit, slot, petal, number, size, groove, notch